


```

QY 1243 GCTGCTGTTACCAACGCGACATGGCTTTGTGACCCCGTAGTTCCTGGCGACGCTCCGCAA 1302
Db 1188 GGTTCCTATATCCAGAGGCGCAAGGCTTCATGACAGGAGATTTCTTAAGAGCTGCGCAAA 1247
QY 1303 ACCCTTCAGTATATCATTTGAGGCTTAAGTTGAATTTGCTGTCAAGTTCAACGCGCTGGA 1362
Db 1248 GCCTTTTGTGATCTTTATGAGGCCCAAGTTGAGTTTGCTGTGTAAGTTCAATGACACTGGA 1307
QY 1363 ACTGATGACAGTACCTGCGCTTATTCATTTGCGGCATCATCTGTGTGAGAGCGGACC 1422
Db 1308 ATTGATGACAGCAGCACTGGCAATATTATTTGCTGTCAATTTCTCACTGAGAGACCCGCC 1367
QY 1423 AGGCTCATGAGACGTTCCAGGGGTGAGGCTATCCAGAGACCACTCCGCGTGCCTCGA 1482
Db 1368 AGGTTTGTGATGATGAGAGCCCATTTGAAGACATTCAGCAACTGCTTACAGAGCTTGGA 1427
QY 1483 ATTCACCTGACGAGCGCAACCACTCGATGAGCCAGTACTCTTCCCAAGCTGTGCGAGAA 1542
Db 1428 GCTCAGCTGAGAGCTGAGACCACTGAGTCTCTCAGAGCTGTTTGCAGAGCTGCTCGAGAA 1487
QY 1543 GATGCTGACCTGCGGCACTGTGTACCGAGCAGCGCCAGATGACAGCGGATCAAGAA 1602
Db 1488 AATGACAGACCTCGAGACAGATGTTCACGAGACAGTGCAGCTACTGCAAGGTGATCAAGAA 1547
QY 1603 GACCGAAACGAGACCTGCTGACACCTGCTGCTCCAGAGATCTTACAGAGCATGTACTA 1662
Db 1548 GACGGAACAGACATGAGTCTTCCACCGCTCTCGAGAGATCTTACAGAGCTGTACTA 1607

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RESULT 2

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US-09-484-345-10/c
; Sequence 10, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 10
; LENGTH: 1100
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (859)...(940)
US-09-484-345-10

```

```

Query Match 0.6%; Score 20.6; DB 1; Length 1100;
Best Local Similarity 62.7%; Pred. No. 1.4;
Matches 32; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

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QY 892 CTACCTGAAAAAATTCAACATGACCAAAAAGAGCCCGAGCATCTCTGAC 942
Db 126 CTTTCTTAATAAATCTCACTTATCATCATGACAACTGACGACATGTTAC 76

```

RESULT 3

```

US-09-484-345-3/c
; Sequence 3, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18

```

```

; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 3
; LENGTH: 1608
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (91)...(1608)
US-09-484-345-3

```

```

Query Match 0.6%; Score 20; DB 1; Length 1608;
Best Local Similarity 48.3%; Pred. No. 0.95;
Matches 56; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

```

```

QY 1233 ACAAGAGCGGCTGTGTTGACCAAGCGAGTGGCTTTGTACCCGTGAGTTCTGCGCA 1292
Db 1538 ACCTGAGTAGTACGTCGACGTTGTCGAGCAATCTGTAGAGGTCTCATTTTCTGAGC 1479
QY 1293 GCCTCGCAAAACCTTCAGTATATGATGAGCTTAAGTTTGAATTTGCTGTCAAG 1348
Db 1478 AGCTTGCAAAACGCTGTGAGACTGAGGAGTGTTCAGCTTCACTGAGAGCTTCAG 1423

```

RESULT 4

```

US-09-484-345-10
; Sequence 10, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 10
; LENGTH: 1100
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (859)...(940)
US-09-484-345-10

```

```

Query Match 0.5%; Score 17.6; DB 1; Length 1100;
Best Local Similarity 52.8%; Pred. No. 1.4;
Matches 38; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

```

```

QY 3167 TCTCAAAATGTAATGTATATTTTGTAGAGAGCCCGAGCTTCTGTTTATATATA 3226
Db 985 TATGTAAAGGTAAATGCTCTTTGTAGTTGTCTTCCAGTGTGTGTTTAAATACAT 1044

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QY 3227 AATAGTGTACAC 3238
Db 1045 TCATGTGTACAC 1056

```

RESULT 5

```

US-09-484-345-73
; Sequence 73, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 73
; LENGTH: 20

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-73

Query Match
Best Local Similarity 0.3%; Score 10.4; DB 1; Length 20;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2862 GCTTCCTGGGTC 2893
DB 7 GCTTCCTGGGTC 18

RESULT 6
US-09-484-345-87/c
; Sequence 87, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-87

Query Match
Best Local Similarity 0.3%; Score 10.4; DB 1; Length 20;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 815 CTGACTGCAAC 826
DB 16 CTGCTGCAAC 5

RESULT 7
US-09-484-345-83/c
; Sequence 83, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-83

Query Match
Best Local Similarity 0.3%; Score 10; DB 1; Length 20;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2297 CACTGACACCCAGTGTC 2314
DB 18 CACTGATACACTGCTGC 1

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-35

RESULT 8
US-09-484-345-35
; Sequence 35, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-35

Query Match
Best Local Similarity 0.3%; Score 9.6; DB 1; Length 20;
Matches 12; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2054 TCTTCAGCGCAAGA 2069
DB 2 TCTATCTGCAAGA 17

RESULT 9
US-09-484-345-20
; Sequence 20, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-20

Query Match
Best Local Similarity 0.3%; Score 9.4; DB 1; Length 20;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1273 CACCCGTGAGT 1283
DB 4 CACCATGAGT 14

RESULT 10
US-09-484-345-52/c
; Sequence 52, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
```

```
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-52

Query Match      0.3%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2921 ATTCTATGACTCTGGGT 2939
Db      19 ATTCCATGCTGTATGGGT 1

RESULT 11
US-09-484-345-53
; Sequence 53, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-53

Query Match      0.3%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2368 CACACATAAGCAGCTGAA 2386
Db      2 CACCCATAAGCAGCTGGA 20

RESULT 12
US-09-484-345-53/C
; Sequence 53, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-53

Query Match      0.3%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      2922 TTCTATGACTCTGGGTG 2940
Db      20 TTCCATGCTGTATGGGTG 2

RESULT 13
US-09-484-345-83
; Sequence 83, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-83

Query Match      0.3%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      197 GAAGCCGCGAGCAATGA 215
Db      1 GCAGACGCTATCACTGA 19

RESULT 14
US-09-484-345-52
; Sequence 52, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-52

Query Match      0.3%; Score 9.2; DB 1; Length 20;
Best Local Similarity 78.6%; Pred. No. 92;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1935 AGCAGCATAGACA 1948
Db      7 AACAGCATGGAAT 20

RESULT 15
US-09-484-345-31
; Sequence 31, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
```

APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-31

Query Match 0.3%; Score 9; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2061 AGCAAGA 2069
Db 1 AGCAAGA 9

RESULT 16
US-09-484-345-35/c
Sequence 35, Application US/09484345
Patent No. 6159734

*

GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-35

Query Match 0.3%; Score 9; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3189 TTTTCTAG 3197
Db 15 TTTTCTAG 7

RESULT 17
US-09-484-345-49
Sequence 49, Application US/09484345
Patent No. 6159734
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-49

Query Match 0.3%; Score 9; DB 1; Length 20;
Best Local Similarity 70.6%; Pred. No. 93;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2171 TGCTGCAAGACACTG 2187
Db 3 TGCTGTAATTCACACTG 19

RESULT 18
US-09-484-345-50
Sequence 50, Application US/09484345
Patent No. 6159734
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-50

Query Match 0.3%; Score 9; DB 1; Length 20;
Best Local Similarity 70.6%; Pred. No. 93;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1917 GTTTGTATTATTCAC 1933
Db 1 GTTTGTATTATTCAC 17

RESULT 19
US-09-484-345-73/c
Sequence 73, Application US/09484345
Patent No. 6159734
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-73

Query Match 0.3%; Score 9; DB 1; Length 20;
Best Local Similarity 70.6%; Pred. No. 93;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2442 ACCCAGAGAGGGCC 2458
Db 17 ACCCAGAGAGGGCC 1

RESULT 20
US-09-484-345-49/c
Sequence 49, Application US/09484345

```
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-484-345-49

Query Match
Best Local Similarity 0.3%; Score 8.8; DB 1; Length 20;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1327 TAACTTGAATT 1338
Db 20 TCAGTGTGAATT 9

RESULT 21
US-09-484-345-87
; Sequence 87, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-484-345-87

Query Match
Best Local Similarity 0.3%; Score 8.8; DB 1; Length 20;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1365 TTGATGACAGTG 1376
Db 7 TTGCAGACAGTG 18

RESULT 22
US-09-484-345-28
; Sequence 28, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-484-345-28

Query Match
Best Local Similarity 0.3%; Score 8.4; DB 1; Length 20;
Matches 12; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3267 ATTAATATTAAAGAA 3284
Db 3 ATCAATCCGTTAAAGAA 20

RESULT 23
US-09-484-345-50/c
; Sequence 50, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-484-345-50

Query Match
Best Local Similarity 0.3%; Score 8.4; DB 1; Length 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 AGTTGGAATT 1338
Db 20 AGTGTGAATT 11

RESULT 24
US-09-484-345-20/c
; Sequence 20, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-484-345-20

Query Match
Best Local Similarity 0.2%; Score 8.2; DB 1; Length 20;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2153 CTATAGTCATGGG 2165
Db 18 CTGACTCATGGG 6
```

```
RESULT 25
US-09-484-345-31/C
; Sequence 31, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPT
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-31

Query Match          0.2%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 94;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1805 TTGCTCTGTTTCT 1817
DB 13 TTGATCTTTTCT 1

RESULT 26
US-09-484-345-30
; Sequence 30, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPT
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-30

Query Match          0.2%; Score 7.8; DB 1; Length 20;
Best Local Similarity 81.8%; Pred. No. 95;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 112 CAACAGATGAA 122
DB 1 CAAGAATCAA 11

RESULT 27
US-09-484-345-30/C
; Sequence 30, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPT
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
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; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-30

Query Match          0.2%; Score 7.4; DB 1; Length 20;
Best Local Similarity 64.7%; Pred. No. 95;
Matches 11; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2260 TGACCATGATCCCT 2276
DB 18 TAACGATGATCTTT 2

RESULT 28
US-09-484-345-28/C
; Sequence 28, Application US/09484345
; Patent No. 6159734
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Alexander H. Borchers
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPT
; FILE REFERENCE: RTS-0104
; CURRENT APPLICATION NUMBER: US/09/484,345
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-28

Query Match          0.2%; Score 7; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1788 TTCTTTT 1794
DB 20 TTCTTTT 14

Search completed: November 30, 2004, 07:49:07
UOB time : 6 secs
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